



Image may be representation.
See specifications for product details.



NCP1396ADR2G

Manufacturer Part Number	NCP1396ADR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCP1396ADR2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OFFLINE SW HALF-BRDG 16SOIC
Package	16-SOIC (0.154", 3.90mm Width), 15 Leads
Data sheet	NCP1396A,B.pdf
	NCP1396A,B.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1396ADR2G - onsemi.New Original in Stock. Download Linear Technology NCP1396ADR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1396ADR2G, please send us email: info@allelco.com

Specifications

NCP1396ADR2G Tech Specifications

NCP1396ADR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	9.5V ~ 20V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	13.4 V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Half-Bridge	Frequency - Switching	50kHz ~ 500kHz
Supplier Device Package	16-SOIC	Fault Protection	Over Temperature
Series	-	Duty Cycle	50%
Package / Case	16-SOIC (0.154", 3.90mm Width), 15 Leads	Control Features	Frequency Control, Soft Start
Package	Tape & Reel (TR)	Base Product Number	NCP1396

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1396ADR2G

Product Attribute				
Part Number	NCP1396ADR2G	NCP1380DDR2G	NCP13992AADR2G	NCP1382DR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Frequency - Switching	50kHz ~ 500kHz	-	20kHz ~ 750kHz	-
Package / Case	16-SOIC (0.154", 3.90mm Width), 15 Leads	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width), 14 Leads	14-SOIC (0.154", 3.90mm Width)
Internal Switch(s)	No	No	No	No
Voltage - Supply (Vcc/Vdd)	9.5V ~ 20V	9V ~ 28V	20V	10V ~ 20V
Voltage - Breakdown	-	-	-	-
Base Product Number	NCP1396	NCP1380	NCP13992	NCP1382
Topology	Half-Bridge	Flyback	Half-Bridge	Flyback
Duty Cycle	50%	-	50%	-
Voltage - Start Up	13.4 V	17 V	9 V	15 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	16-SOIC	8-SOIC	16-SOIC	14-SOIC
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-50°C ~ 150°C (TJ)	0°C ~ 125°C (TJ)
Fault Protection	Over Temperature	Current Limiting, Over Temperature, Over Voltage, Short Circuit	Current Limiting, Over Load, Over Power, Over Temperature, Over Voltage, Short Circuit	Over Load, Over Temperature, Over Voltage, Short Circuit
Control Features	Frequency Control, Soft Start	-	EN, Frequency Control, Soft Start, Sync	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Isolation	Isolated	Isolated	Isolated	Isolated
Series	-	-	-	-

NCP1396ADR2G Datasheet PDF

Download NCP1396ADR2G pdf datasheets and onsemi documentation for NCP1396ADR2G - onsemi.

Datasheets

[NCP1396A,B.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)




[Material Declaration NCP1396ADR2G.pdf](#)

HTML Datasheet

[NCP1396A,B.pdf](#)

Customers Also Interested in

Recommended Products

 NCP1380DDR2G onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 NCP13992AADR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 NCP1382DR2G onsemi IC OFFLINE SWITCH FLYBACK 14SOIC	 NCP1398BDR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 NCP1380BDR2G onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 NCP1380DR2G AMI Semiconductor/onsemi
 NCP1395BDR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 NCP1381DR2G onsemi IC OFFLINE SWITCH FLYBACK 14SOIC	 NCP1396BDR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 NCP1397AG AMI Semiconductor/onsemi	 NCP1392DDR2G onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 NCP1397ADR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC
 NCP1392BDR2G onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 NCP13992ABDR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 NCP1395ADR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 NCP1397BDR2G onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 NCP1380CDR2G onsemi IC OFFLINE SWITCH FLYBACK 8SOIC	 NCP1396AG AMI Semiconductor/onsemi

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00




Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support



The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

-  Efficient Supply Management
-  Cost-Saving Procurement
-  Fast Sourcing & Delivery

Contact us if you have any questions.

-  Phone
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@allelco.com